








Selection Chart: I/O Specifications

I/O Specifications Chart 1 of 3			I/O CAPACITY			BUILT-IN I/O (DL05/06/105)						
DL Family	CPU/Device	Tech Specs	Local I/O	Mix of I/O	Total Possible I/O	DC In/ Relay Out	DC In/ DC Out	DC In/ AC Out	AC In/ Relay Out	AC In/ DC Out	AC In/ AC Out	
				(inputs/ outputs)								
	DL05	DL05DR(-D)	PDF	14	8 in/6 out	30	x					
		DL05DD(-D)	PDF	14	8 in/6 out	30		x				
		DL05DA	PDF	14	8 in/6 out	30			x			
		DL05AR	PDF	14	8 in/6 out	30				x		
		DL05AD	PDF	14	8 in/6 out	30					x	
		DL05AA	PDF	14	8 in/6 out	30						x
	DL06	DL06DD1(-D)	PDF	36	20 in/ 16 out	100		x				
		DL06DD2(-D)	PDF	36	20 in/ 16 out	100		x				
		DL06DR(-D)	PDF	36	20 in/ 16 out	100	x					
		DL06AA	PDF	36	20 in/ 16 out	100						x
		DL06DA	PDF	36	20 in/ 16 out	100			x			
		DL06AR	PDF	36	20 in/ 16 out	100				x		
	DL105	DL105DR(-D)	PDF	18	10 in/8 out	18	x					
		DL105DD(-D)	PDF	18	10 in/8 out	18		x				
		DL105DA	PDF	18	10 in/8 out	18			x			
		DL105AR	PDF	18	10 in/8 out	18				x		
		DL105AD	PDF	18	10 in/8 out	18					x	
		DL105AA	PDF	18	10 in/8 out	18						x
	DL205	DL205D2-230	PDF	256	any mix	256						
		DL205D2-240	PDF	256	any mix	896						
		DL205D2-250-1	PDF	256	any mix	2,048						
		DL205D2-260	PDF	256	any mix	16,384						
	DL305	DL305D3-330	PDF	168	any mix	168						
		DL305D3-340	PDF	168	any mix	184						
		DL305D3-350	PDF	168	any mix	880						
	DL405	DL405D4-430	PDF	640	320 in/ 320 out	1,152						
		DL405D4-440(DC-1)		640	320 in/ 320 out	1,664						
		DL405D4-440(DC-2)	PDF	640	320 in/ 320 out	1,664						
		DL405D4-450(DC-1)		2048*	1024 in/ 1024 out	16,384						
	CLICK	CLICKC0-00DD1-D	PDF	14	8 in/6 out	142		x				
		CLICKC0-00DD2-D	PDF	14	8 in/6 out	142		x				
		CLICKC0-00DR-D	PDF	14	8 in/6 out	142	x					
		CLICKC0-00AR-D	PDF	14	8 in/6 out	142				x		



Programmable Logic Controllers (PLCs)



Selection Chart: Discrete I/O

Optional I/O modules

I/O Specifications Chart 2 of 3

DISCRETE I/O MODULES

DL Family	CPU/Device	Tech Specs	DC Sink/ Source In	DC Source In	TTL In	DC Sink Out	DC Source Out	AC/DC In	AC In	AC Out	AC/DC Relay Out	AC/DC Isolated Relay out	High Speed In	Pulse Out
DL05	D0-05DR(-D)	PDF	x			x	x		x		x	x	x	
	D0-05DD(-D)	PDF	x			x	x		x		x	x	x	x
	D0-05DA	PDF	x			x	x		x		x	x	x	
	D0-05AR	PDF	x			x	x		x		x	x		
	D0-05AD	PDF	x			x	x		x		x	x		x
	D0-05AA	PDF	x			x	x		x		x	x		
DL06	D0-06DD1(-D)	PDF	x			x	x		x		x	x	x	x
	D0-06DD2(-D)	PDF	x			x	x		x		x	x	x	x
	D0-06DR(-D)	PDF	x			x	x		x		x	x	x	
	D0-06AA	PDF	x			x	x		x		x	x		
	D0-06DA	PDF	x			x	x		x		x	x	x	
	D0-06AR	PDF	x			x	x		x		x	x		
DL105	F1-130DR(-D)	PDF											x	
	F1-130DD(-D)	PDF											x	x
	F1-130DA	PDF											x	
	F1-130AR	PDF												
	F1-130AD	PDF												x
	F1-130AA	PDF												
DL205	D2-230	PDF	x			x	x		x	x	x	x	x	x
	D2-240	PDF	x			x	x		x	x	x	x	x	x
	D2-250-1	PDF	x			x	x		x	x	x	x	x	x
	D2-260	PDF	x			x	x		x	x	x	x	x	x
DL305	D3-330	PDF	x	x	x	x	x	x	x	x	x	x		
	D3-340	PDF	x	x	x	x	x	x	x	x	x	x		
	D3-350	PDF	x	x	x	x	x	x	x	x	x	x		
DL405	D4-430	PDF	x	x		x	x	x	x	x	x	x	x	
	D4-440(DC-1)													
	D4-440(DC-2)	PDF	x	x		x	x	x	x	x	x	x	x	
	D4-450(DC-1)													
	D4-450(DC-2)	PDF	x	x		x	x	x	x	x	x	x	x	
CLICK	C0-00DD1-D	PDF	x		x	x	x		x	x	x	x		
	C0-00DD2-D	PDF	x		x	x	x		x	x	x	x		
	C0-00DR-D	PDF	x		x	x	x		x	x	x	x		
	C0-00AR-D	PDF	x		x	x	x		x	x	x	x		



Programmable Logic Controllers (PLCs)



Selection Chart: Analog I/O

Optional I/O modules

I/O Specifications Chart 3 of 3

ANALOG I/O

DL Family	CPU/Device	Tech Specs	Analog Current or Volt In	Analog Isolated In	Analog Current or Volt Isol. Out	Analog Current or Volt Out	Temperature In
DL05	D0-05DR(-D)	PDF	x			x	x
	D0-05DD(-D)	PDF	x			x	x
	D0-05DA	PDF	x			x	x
	D0-05AR	PDF	x			x	x
	D0-05AD	PDF	x			x	x
	D0-05AA	PDF	x			x	x
DL06	D0-06DD1(-D)	PDF	x			x	x
	D0-06DD2(-D)	PDF	x			x	x
	D0-06DR(-D)	PDF	x			x	x
	D0-06AA	PDF	x			x	x
	D0-06DA	PDF	x			x	x
	D0-06AR	PDF	x			x	x
DL105	F1-130DR(-D)	PDF					
	F1-130DD(-D)	PDF					
	F1-130DA	PDF					
	F1-130AR	PDF					
	F1-130AD	PDF					
	F1-130AA	PDF					
DL205	D2-230	PDF	x		x	x	x
	D2-240	PDF	x		x	x	x
	D2-250-1	PDF	x		x	x	x
	D2-260	PDF	x		x	x	x
DL305	D3-330	PDF	x	x	x	x	x
	D3-340	PDF	x	x	x	x	x
	D3-350	PDF	x	x	x	x	x
DL405	D4-430	PDF	x	x	x	x	x
	D4-440(DC-1)						
	D4-440(DC-2)	PDF	x	x	x	x	x
	D4-450(DC-1)						
	D4-450(DC-2)	PDF	x	x	x	x	x
CLICK	C0-00DD1-D	PDF					
	C0-00DD2-D	PDF					
	C0-00DR-D	PDF					
	C0-00AR-D	PDF					



Programmable Logic Controllers (PLCs)



Selection Chart: Communications and Specialty Modules

Chart 1 of 3			CPU PORT SUPPORTED PROTOCOLS								
DL Family	CPU	Tech Specs	K-	Modbus			ASCII		Remote I/O		
			Sequence Slave	DirectNet Master	DirectNet Slave	RTU Master	Modbus RTU Slave	Out (Print)		ASCII IN/Out	
									RS485	Master	
DL05	All DL05 models	PDF	x	x	x	x	x	x			
DL06	All DL06 models	PDF	x	x	x	x	x	x	x		
DL105	F1-130DR(-D)	PDF	x								
	F1-130DD(-D)	PDF	x								
	F1-130DA	PDF	x								
	F1-130AR	PDF	x								
	F1-130AD	PDF	x								
	F1-130AA	PDF	x								
DL205	D2-230	PDF	x								
	D2-240	PDF	x		x						
	D2-250-1	PDF	x	x	x	x	x	x		x	
	D2-260	PDF	x	x	x	x	x	x	x	x	
DL305	D3-330	PDF			x						
	D3-340	PDF		x	x		x				
	D3-350	PDF	x	x	x	x	x	x		x	
DL405	D4-430	PDF	x		x						
	D4-440(DC-1)										
	D4-440(DC-2)	PDF	x		x						
	D4-450(DC-1)										
	D4-450(DC-2)	PDF	x	x	x	x	x	x		x	
CLICK	C0-00DD1-D	PDF				x	x		x		
	C0-00DD2-D	PDF				x	x		x		
	C0-00DR-D	PDF				x	x		x		
	C0-00AR-D	PDF				x	x		x		



Programmable Logic Controllers (PLCs)



Selection Chart: Communications and Specialty Modules

Chart 2 of 3

COMMUNICATIONS AND SPECIALTY MODULES

DL Family	CPU	Tech Specs	ETHERNET - ETHERNET -				Basic Coprocessor	ETHERNET	ETHERNET
			10 Mbit	100 Mbit	RS232	RS422		Remote I/O Master	Remote I/O Slave
DL05	All DL05 models	PDF	x	x	x	x	x		
DL06	All DL06 models	PDF	x	x	x	x	x		
DL105	F1-130DR(-D)	PDF							
	F1-130DD(-D)	PDF							
	F1-130DA	PDF							
	F1-130AR	PDF							
	F1-130AD	PDF							
	F1-130AA	PDF							
DL205	D2-230	PDF							
	D2-240	PDF	x	x	x	x	x	x	x
	D2-250-1	PDF	x	x	x	x	x	x	x
	D2-260	PDF	x	x	x	x	x	x	x
DL305	D3-330	PDF			x	x			
	D3-340	PDF							
	D3-350	PDF			x	x			
DL405	D4-430	PDF	x	x	x	x	x	x	x
	D4-440(DC-1)								
	D4-440(DC-2)	PDF	x	x	x	x	x	x	x
	D4-450(DC-1)								
	D4-450(DC-2)	PDF	x	x	x	x	x	x	x
CLICK	CO-00DD1-D	PDF			x				
	CO-00DD2-D	PDF			x				
	CO-00DR-D	PDF			x				
	CO-00AR-D	PDF			x				



Programmable Logic Controllers (PLCs)



Selection Chart: Communications and Specialty Modules

Chart 3 of 3

COMMUNICATIONS AND SPECIALTY MODULES (cont.)

DL Family	CPU	Tech Specs	Serial						
			Remote I/O Master	Serial Remote I/O Slave	DirectNet Master/Slave	Modbus RTU Slave	DeviceNet Slave	Profibus Slave	SDS Slave
DL05	All DL05 models	PDF			x	x	x	x	
DL06	All DL06 models	PDF			x	x	x	x	
DL105	F1-130DR(-D)	PDF					x		
	F1-130DD(-D)	PDF					x		
	F1-130DA	PDF							
	F1-130AR	PDF					x		
	F1-130AD	PDF							
	F1-130AA	PDF							
DL205	D2-230	PDF							
	D2-240	PDF	x	x	x	x	x	x	x
	D2-250-1	PDF	x	x	x	x	x	x	x
	D2-260	PDF	x	x	x	x	x	x	x
DL305	D3-330	PDF							
	D3-340	PDF							
	D3-350	PDF			x	x			
DL405	D4-430	PDF	x	x	x	x			
	D4-440(DC-1)								
	D4-440(DC-2)	PDF	x	x	x	x			
	D4-450(DC-1)								
	D4-450(DC-2)	PDF	x	x	x	x			
CLICK	C0-00DD1-D	PDF							
	C0-00DD2-D	PDF							
	C0-00DR-D	PDF							
	C0-00AR-D	PDF							



Programmable Logic Controllers (PLCs)



Selection Chart: Instructions and Tools

Chart 1 of 3			INSTRUCTIONS					
DL Family	CPU	Tech Specs	Total Memory	Max. Program Size	Max. Variables	Battery Backup	Run-Time Edit	RLL Plus
DL05	All DL05 models	PDF	6.0K	2048	4096	x*	x	x
DL06	All DL06 models	PDF	14.8K	7.5K	7.3K	x	x	x
DL105	All DL105 models	PDF	2.4K	2048	256		x	x
DL205	D2-230	PDF	2.4K	2048	384	x	x	x
	D2-240	PDF	3.8K	2560	1280	x	x	x
	D2-250-1	PDF	14.8K	7680	7168	x	x	x
	D2-260	PDF	30.4K	15.8K	14.6K	x	x	x
DL305	D3-330	PDF	3.8K	3.7K	128	x		
	D3-340	PDF	3.9K	3.7K	192	x		
	D3-350	PDF	14.8K	7680	7168	x	x	x
DL405	D4-430	PDF	6.5K	3.5K	3.0K	x	x	x
	D4-440(DC-1)							
	D4-440(DC-2)	PDF	22.5K	15.5K*	7.0K	x	x	x
	D4-450(DC-1)							
	D4-450(DC-2)	PDF	30.8K	15.5K*	15.3K	x	x	x
CLICK	C0-00DD1-D	PDF	16K	8K	8K			
	C0-00DD2-D	PDF	16K	8K	8K			
	C0-00DR-D	PDF	16K	8K	8K			
	C0-00AR-D	PDF	16K	8K	8K			

* Requires memory card ** with supporting firmware



Programmable Logic Controllers (PLCs)



Selection Chart: Instructions and Tools

Chart 2 of 3			INSTRUCTIONS (cont.)						
DL Family	CPU	Tech Specs	Control Relays	Timer/ Counters	Immediate I/O	Drums	Subroutines	For/Next Loops	Floating Point Math
DL05	All DL05 models	PDF	512	128/128	x	x	x	x	
DL06	All DL06 models	PDF	1024	256/128	x	x	x	x	x
DL105	All DL105 models	PDF	256	64/64	x	x			
DL205	D2-230	PDF	256	64/64	x				
	D2-240	PDF	256	128/128	x		x	x	
	D2-250-1	PDF	1024	256/128	x	x	x	x	x
	D2-260	PDF	2048	256/256	x	x	x	x	x
DL305	D3-330	PDF	140	64					
	D3-340	PDF	196	64					
	D3-350	PDF	1024	256/128	x	x	x	x	x
DL405	D4-430	PDF	480	128/128	x				
	D4-440(DC-1)								
	D4-440(DC-2)	PDF	1024	256/128	x		x	x	
	D4-450(DC-1)								
	D4-450(DC-2)	PDF	2048	256/256	x	x	x	x	x
CLICK	C0-00DD1-D	PDF	2000	500/250	x	x	x	x	x
	C0-00DD2-D	PDF	2000	500/250	x	x	x	x	x
	C0-00DR-D	PDF	2000	500/250	x	x	x	x	x
	C0-00AR-D	PDF	2000	500/250	x	x	x	x	x



Programmable Logic Controllers (PLCs)



Selection Chart: Instructions and Tools

Chart 3 of 3		INSTRUCTIONS (cont.)					TOOLS	
DL Family	CPU	Tech Specs	PID	Clock/Calendar	Trigonometric Instructions	IBox Instructions**	Programming Software	Handheld Programmer
DL05	All DL05 models	PDF	x	x*		x	DirectSOFT 5	x
DL06	All DL06 models	PDF	x	x	x	x	DirectSOFT 5	x
DL105	All DL105 models	PDF					DirectSOFT 5	x
DL205	D2-230	PDF					DirectSOFT 5	x
	D2-240	PDF		x			DirectSOFT 5	x
	D2-250-1	PDF	x	x		x	DirectSOFT 5	x
	D2-260	PDF	x	x	x	x	DirectSOFT 5	x
DL305	D3-330	PDF					DirectSOFT 5	x
	D3-340	PDF					DirectSOFT 5	x
	D3-350	PDF	x	x	x		DirectSOFT 5	x
DL405	D4-430	PDF					DirectSOFT 5	x
	D4-440(DC-1)						DirectSOFT 5	
	D4-440(DC-2)	PDF		x			DirectSOFT 5	x
	D4-450(DC-1)						DirectSOFT 5	
	D4-450(DC-2)	PDF	x	x		x	DirectSOFT 5	x
CLICK	C0-00DD1-D	PDF			x		FREE CLICK programming software	
	C0-00DD2-D	PDF			x		FREE CLICK programming software	
	C0-00DR-D	PDF			x		FREE CLICK programming software	
	C0-00AR-D	PDF			x		FREE CLICK programming software	

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*require memory card **with supporting firmware